

<b>Reference</b>	SSM72035
<b>Models</b>	XK / X150 F-TYPE / X152 XJ / X351 XF / X250
<b>Title</b>	Heated Oxygen Sensor (HO2S) diagnostics on AJ133 5.0L (NA & SC) and AJ126 3.0L (
<b>Category</b>	Driveability
<b>Last modified</b>	24-Oct-2014 00:00:00
<b>Symptom</b>	698298 Malfunction Indicator Lamp
<b>Attachments</b>	

**Content**

**Concern:**  
Jaguar Land Rover and the supplier have inspected 101 warranty claims for Heated Oxygen Sensors (HO2S). 23% were found to have no defects.

**Cause:**  
One possible reason for this is that all HO2S sensors are replaced when only one is unserviceable.

It is also possible that the DTC information is not clear about which sensor to change, or the correct test method to make a decision whether the sensor works correctly or not.

Note: One defective sensor does not show that others will become unserviceable.

**Action:**  
Follow the updated TOPIx section 303-14 Diagnosis and testing – Electronic Engine Controls DTC: Heated Oxygen Sensors (HO2S). This will improve the accuracy of the repair and reduce unnecessary work.

Support vehicles  
F-type (X152) 2013 my onwards  
XF (X250) 2011 my onwards  
XJ (X351) 2012 my onwards  
XK (X150) 2011 my onwards

Technicians - Please score the SSM and provide feedback if you scored it 1 - 3 stars.  
1 = Poor – Basic information provided – The SSM does not help me resolve the customer concern.  
3 = Average – Adequate information provided – The SSM partially helps me resolve the customer concern.  
5 = Excellent – All required information provided to resolve the customer concern.